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# LIST

## OF THE FELLOWS AND FOREIGN HONORARY MEMBERS.

(Corrected to February 15, 1891.)

### RESIDENT FELLOWS.—186.

(Number limited to two hundred.)

#### CLASS I.—*Mathematical and Physical Sciences.*—77.

##### SECTION I.—6.

###### *Mathematics.*

Gustavus Hay,	Boston.
Benjamin O. Peirce,	Cambridge.
James M. Peirce,	Cambridge.
John D. Runkle,	Brookline.
T. H. Safford,	Williamstown
William E. Story,	Worcester.

##### SECTION II.—10.

###### *Practical Astronomy and Geodesy.*

Seth C. Chandler,	Cambridge.
Alvan G. Clark,	Cambridgeport.
George B. Clark,	Cambridgeport.
J. Rayner Edmands,	Cambridge.
Henry Mitchell,	Boston.
Edward C. Pickering,	Cambridge.
John Ritchie, Jr.,	Boston.
Edwin F. Sawyer,	Brighton.
Arthur Searle,	Cambridge.
O. C. Wendell,	Cambridge.

##### SECTION III.—46.

###### *Physics and Chemistry.*

A. Graham Bell,	Washington.
Clarence J. Blake,	Boston.
Francis Blake,	Weston.
John H. Blake,	Boston.
Arthur M. Comey,	Somerville.
Josiah P. Cooke,	Cambridge.
James M. Crafts,	Boston.
Charles R. Cross,	Boston.
Amos E. Dolbear,	Somerville.
Thos. M. Drown,	Boston.

Charles W. Eliot,	Cambridge.
Moses G. Farmer,	Eliot, Me.
Thomas Gaffield,	Boston.
Wolcott Gibbs,	Newport, R. I.
Edwin H. Hall,	Cambridge.
Henry B. Hill,	Boston.
N. D. C. Hodges,	New York.
Silas W. Holman,	Boston.
William L. Hooper,	Somerville.
Eben N. Horsford,	Cambridge.
T. Sterry Hunt,	New York.
Charles L. Jackson,	Cambridge.
William W. Jacques,	Newton.
Alonzo S. Kimball,	Worcester.
Leonard P. Kinnicutt,	Worcester.
William R. Livermore,	Newport, R. I.
Joseph Lovering,	Cambridge.
Charles F. Mabery,	Cleveland.
Arthur Michael,	Worcester.
A. A. Michelson,	Worcester.
Charles E. Munroe,	Newport, R. I.
John U. Nef,	Worcester.
Lewis M. Norton,	Newton.
Robert H. Richards,	Boston.
Theodore W. Richards,	Cambridge.
Edward S. Ritchie,	Brookline.
A. Lawrence Rotch,	Boston.
Charles R. Sanger,	Cambridge.
Stephen P. Sharples,	Cambridge.
Francis H. Storer,	Boston.
Elihu Thomson,	Lynn.
John Trowbridge,	Cambridge.
Cyrus M. Warren,	Brookline.
Harold Whiting,	Cambridge.
Charles H. Wing,	Boston.
Edward S. Wood,	Cambridge.

## SECTION IV. — 15.

*Technology and Engineering.*

John M. Batchelder,	Cambridge.	William R. Lee,	Roxbury.
Winfield S. Chaplin,	Cambridge.	Hiram F. Mills,	Lawrence.
Eliot C. Clarke,	Boston.	Cecil H. Peabody,	Boston.
James B. Francis,	Lowell.	Alfred P. Rockwell,	Boston.
Gaetano Lanza,	Boston.	Peter Schwamb,	Boston.
E. D. Leavitt,	Cambridgeport.	Charles S. Storrow,	Boston.
		George F. Swain,	Boston.
		William Watson,	Boston.
		Morrill Wyman,	Cambridge.

CLASS II. — *Natural and Physiological Sciences.* — 57.

## SECTION I. — 8.

*Geology, Mineralogy, and Physics of the Globe.*

Thomas T. Bouvé,	Boston.	J. Walter Fewkes,	Boston.
Algernon Coolidge,	Boston.	Hermann A. Hagen,	Cambridge.
William O. Crosby,	Boston.	Samuel Henshaw,	Cambridge.
William M. Davis,	Cambridge.	Alpheus Hyatt,	Cambridge.
O. W. Huntington,	Cambridge.	Theodore Lyman,	Brookline.
Jules Marcou,	Cambridge.	Edward L. Mark,	Cambridge.
William H. Niles,	Cambridge.	Charles S. Minot,	Boston.
Nathaniel S. Shaler,	Cambridge.	Edward S. Morse,	Salem.

## SECTION II. — 6.

*Botany.*

William G. Farlow,	Cambridge.
George L. Goodale,	Cambridge.
H. H. Hunnewell,	Wellesley.
Charles S. Sargent,	Brookline.
Charles J. Sprague,	Boston.
Sereno Watson,	Cambridge.

## SECTION III. — 21.

*Zoölogy and Physiology.*

Alex. E. R. Agassiz,	Cambridge.
Robert Amory,	Boston.
James M. Barnard,	Milton.
Henry P. Bowditch,	Boston.
Edward Burgess,	Boston.
Harold C. Ernst,	Boston.

J. Walter Fewkes,	Boston.
Hermann A. Hagen,	Cambridge.
Samuel Henshaw,	Cambridge.
Alpheus Hyatt,	Cambridge.
Theodore Lyman,	Brookline.
Edward L. Mark,	Cambridge.
Charles S. Minot,	Boston.
Edward S. Morse,	Salem.
James J. Putnam,	Boston.
Samuel H. Scudder,	Cambridge.
William T. Sedgwick,	Boston.
D. Humphreys Storer,	Boston.
Henry Wheatland,	Salem.
James C. White,	Boston.
Charles O. Whitman,	Worcester.

## SECTION IV. — 22.

*Medicine and Surgery.*

Samuel L. Abbot,	Boston.
Henry I. Bowditch,	Boston.
Edward H. Bradford,	Boston.
Arthur T. Cabot,	Boston.
David W. Cheever,	Boston.
Benjamin E. Cotting,	Roxbury.
Frank W. Draper,	Boston.
Thomas Dwight,	Boston.
Reginald H. Fitz,	Boston.
Charles F. Folsom,	Boston.
Richard M. Hodges,	Boston.
Oliver W. Holmes,	Boston.
John Homans,	Boston.

Alfred Hosmer,	Watertown.	George C. Shattuck,	Boston.
Frederick I. Knight,	Boston.	Henry P. Walcott,	Cambridge.
George H. Lyman,	Boston.	John C. Warren,	Boston.
Francis Minot,	Boston.	Henry W. Williams,	Boston.
Wm. L. Richardson,	Boston.		

CLASS III.—*Moral and Political Sciences.*—52.

## SECTION I.—9.

*Philosophy and Jurisprudence.*

James B. Ames,	Cambridge.
Phillips Brooks,	Boston.
Charles C. Everett,	Cambridge.
Horace Gray,	Boston.
John C. Gray,	Boston.
Nathaniel Holmes,	Cambridge
John Lowell,	Newton.
Henry W. Paine,	Cambridge.
James B. Thayer,	Cambridge.

## SECTION II.—17.

*Philology and Archæology.*

William S. Appleton,	Boston.
Lucien Carr,	Cambridge.
Franklin Carter,	Williamstown.
Joseph T. Clarke,	Boston.
Henry G. Denny,	Boston.
Epes S. Dixwell,	Cambridge.
William Everett,	Quincy.
William W. Goodwin,	Cambridge.
Henry W. Haynes,	Boston.
Bennett H. Nash,	Boston.
Frederick W. Putnam,	Cambridge.
F. B. Stephenson,	Boston.
Joseph H. Thayer,	Cambridge.
Crawford H. Toy,	Cambridge.
John W. White,	Cambridge.
Justin Winsor,	Cambridge.
Edward J. Young,	Waltham.

## SECTION III.—16.

*Political Economy and History.*

Charles F. Adams,	Quincy.
Edward Atkinson,	Boston.
John Cummings,	Woburn.
Charles F. Dunbar,	Cambridge.
Samuel Eliot,	Boston.
Henry C. Lodge,	Boston.
Augustus Lowell,	Boston.
Edward J. Lowell,	Boston.
Francis Parkman,	Boston.
Andrew P. Peabody,	Cambridge.
John C. Ropes,	Boston.
Denman W. Ross,	Cambridge.
F. W. Taussig,	Cambridge.
Henry W. Torrey,	Cambridge.
Francis A. Walker,	Boston.
Robert C. Winthrop,	Boston.

## SECTION IV.—10.

*Literature and the Fine Arts.*

George S. Boutwell,	Groton.
Martin Brimmer,	Boston.
J. Elliot Cabot,	Brookline.
Francis J. Child,	Cambridge.
Charles G. Loring,	Boston.
James Russell Lowell,	Cambridge.
Charles Eliot Norton,	Cambridge.
Horace E. Scudder,	Cambridge.
Barrett Wendell,	Boston.
John G. Whittier,	Amesbury.

## ASSOCIATE FELLOWS. — 93.

(Number limited to one hundred.)

CLASS I. — *Mathematical and Physical Sciences* — 36.

## SECTION I. — 6.

*Mathematics.*

William Ferrel, Martinsburg, Va.  
 Thomas Hill, Portland, Me.  
 Simon Newcomb, Washington.  
 H. A. Newton, New Haven.  
 James E. Oliver, Ithaca, N.Y.  
 J. N. Stockwell, Cleveland.

## SECTION II. — 12.

*Practical Astronomy and Geodesy.*

W. H. C. Bartlett, Yonkers, N.Y.  
 S. W. Burnham, San José, Cal.  
 Geo. Davidson, San Francisco.  
 Wm. H. Emory, Washington.  
 Asaph Hall, Washington.  
 J. E. Hilgard, Washington.  
 George W. Hill, Washington.  
 E. S. Holden, San José, Cal.  
 Sam. P. Langley, Washington.  
 William A. Rogers, Waterville, Me.  
 George M. Searle, New York.  
 Chas. A. Young, Princeton, N.J.

## SECTION III. — 12.

*Physics and Chemistry.*

Carl Barus, Washington.  
 J. Willard Gibbs, New Haven.  
 Frank A. Gooch, New Haven.  
 S. W. Johnson, New Haven.  
 M. C. Lea, Philadelphia.  
 John Le Conte, Berkeley, Cal.  
 J. W. Mallet, Charlottesville, Va.  
 A. M. Mayer, Hoboken, N. J.  
 Ira Remsen, Baltimore.  
 Ogden N. Rood, New York.  
 H. A. Rowland, Baltimore.  
 L. M. Rutherford, New York.

## SECTION IV. — 6.

*Technology and Engineering.*

Henry L. Abbot, New York.  
 Geo. W. Cullum, New York.  
 Geo. S. Morison, New York.  
 John Newton, New York.  
 William Sellers, Philadelphia.  
 W. P. Trowbridge, New Haven.

CLASS II. — *Natural and Physiological Sciences* — 30.

## SECTION I. — 14.

*Geology, Mineralogy, and Physics of the Globe.*

Cleveland Abbe, Washington.  
 George J. Brush, New Haven.  
 James D. Dana, New Haven.  
 Sir J. W. Dawson, Montreal.  
 F. A. Genth, Philadelphia.

James Hall, Albany, N. Y.  
 F. S. Holmes, Charleston, S. C.  
 Clarence King, New York.  
 Joseph Le Conte, Berkeley, Cal.  
 J. Peter Lesley, Philadelphia.  
 J. S. Newberry, New York.  
 J. W. Powell, Washington.  
 R. Pumpelly, Newport, R. I.  
 Geo. C. Swallow, Columbia, Mo.

## SECTION II. — 2.

*Botany.*

A. W. Chapman, Apalachicola, Fla.  
D. C. Eaton, New Haven.

## SECTION III. — 8.

*Zoölogy and Physiology.*

Joel A. Allen, New York.  
G. B. Goode, Washington.  
Joseph Leidy, Philadelphia.  
O. C. Marsh, New Haven.  
H. N. Martin, Baltimore.

S. Weir Mitchell, Philadelphia.  
A. S. Packard, Providence.  
A. E. Verrill, New Haven.

## SECTION IV. — 6.

*Medicine and Surgery.*

Fordyce Barker, New York.  
John S. Billings, Washington.  
Jacob M. Da Costa, Philadelphia.  
W. A. Hammond, New York.  
Alfred Stillé, Philadelphia.  
H. C. Wood, Philadelphia.

CLASS III. — *Moral and Political Sciences.* — 27.

## SECTION I. — 8.

*Philosophy and Jurisprudence.*

T. M. Cooley, Ann Arbor, Mich.  
D. R. Goodwin, Philadelphia.  
A. G. Haygood, Oxford, Ga.  
James McCosh, Princeton, N.J.  
Charles S. Peirce, New York.  
Noah Porter, New Haven.  
E. G. Robinson, Providence.  
Jeremiah Smith, Dover, N.H.

A. D. White, Ithaca, N.Y.  
W. D. Whitney, New Haven.

## SECTION III. — 6.

*Political Economy and History.*

Henry Adams, Washington.  
M. F. Force, Cincinnati.  
Henry C. Lea, Philadelphia.  
Edward J. Phelps, Burlington, Vt.  
W. G. Sumner, New Haven.  
J. H. Trumbull, Hartford.

## SECTION II. — 7.

*Philology and Archæology.*

A. N. Arnold, Pawtuxet, R.I.  
Timothy Dwight, New Haven.  
D. C. Gilman, Baltimore.  
A. C. Kendrick, Rochester, N.Y.  
E. E. Salisbury, New Haven.

## SECTION IV. — 6.

*Literature and the Fine Arts.*

James B. Angell, Ann Arbor, Mich.  
L. P. di Cesnola, New York.  
F. E. Church, New York.  
R. S. Greenough, Florence.  
William W. Story, Rome.  
Wm. R. Ware, New York.

## FOREIGN HONORARY MEMBERS.—74.

(Elected as vacancies occur.)

CLASS I.—*Mathematical and Physical Sciences.*—26.

## SECTION I.—6.

*Mathematics.*

John C. Adams,	Cambridge.
Sir George B. Airy,	London.
Francesco Brioschi,	Milan.
Arthur Cayley,	Cambridge.
Charles Hermite,	Paris.
J. J. Sylvester,	Oxford.

## SECTION II.—5.

*Practical Astronomy and Geodesy.*

Arthur Auwers,	Berlin.
J. H. W. Döllén,	Pulkowa.
H. A. E. A. Faye,	Paris.
Eduard Schönfeld,	Bonn.
Otto Struve,	Pulkowa.

## SECTION III.—12.

*Physics and Chemistry.*

Adolf Baeyer,	Munich.
Marcellin Berthelot,	Paris.
R. Bunsen,	Heidelberg.
H. L. F. Helmholtz,	Berlin.
A. W. Hofmann,	Berlin.
Mendeleeff,	St. Petersburg.
Marignac,	Geneva.
Lord Rayleigh,	Witham.
Sir H. E. Roscoe,	London.
G. G. Stokes,	Cambridge.
Julius Thomsen,	Copenhagen.
W. E. Weber,	Göttingen.

## SECTION IV.—3.

*Technology and Engineering.*

Marquis de Caligny,	Versailles.
F. M. de Lesseps,	Paris.
Sir Wm. Thomson,	Glasgow.

CLASS II.—*Natural and Physiological Sciences.*—27.

## SECTION I.—6.

*Geology, Mineralogy, and Physics of the Globe.*

H. Ernst Beyrich,	Berlin.
Alfred Des Cloizeaux,	Paris.
A. E. Nordenskiöld,	Stockholm.
C. F. Rammelsberg,	Berlin.
Sir A. C. Ramsay,	Beaumaris.
Heinrich Wild,	St. Petersburg.

## SECTION II.—7.

*Botany.*

J. G. Agardh,	Lund.
Alphonse de Candolle,	Geneva.
Sir Joseph D. Hooker,	London.
C. J. Maximowicz,	St. Petersburg.
Carl Nägeli,	Munich.
Julius Sachs,	Würzburg.
Marquis de Saporta,	Aix.

## SECTION III. — 10.

*Zoology and Physiology.*

P. J. Van Beneden, Louvain.  
 Du Bois-Reymond, Berlin.  
 Thomas H. Huxley, London.  
 Albrecht Kölliker, Würzburg.  
 Lacaze-Duthiers, Paris.  
 Rudolph Leuckart, Leipsic.  
 C. F. W. Ludwig, Leipsic.  
 Sir Richard Owen, London.

Louis Pasteur, Paris.  
 J. J. S. Steenstrup, Copenhagen.

## SECTION IV. — 4.

*Medicine and Surgery.*

Sir Wm. Bowman, London.  
 C. E. Brown-Séquard, Paris.  
 Sir James Paget, London.  
 Rudolph Virchow, Berlin.

CLASS III. — *Moral and Political Sciences.* — 21.

## SECTION I. — 3.

*Philosophy and Jurisprudence.*

James Martineau, London.  
 Henry Sidgwick, Cambridge.  
 Sir James F. Stephen, London.

## SECTION II. — 7.

*Philology and Archæology.*

John Evans, Hemel Hempstead.  
 Pascual de Gayangos, Madrid.  
 Benjamin Jowett, Oxford.  
 J. W. A. Kirchhoff, Berlin.  
 G. C. C. Maspero, Paris ?  
 Max Müller, Oxford.  
 Sir H. C. Rawlinson, London.

## SECTION III. — 7.

*Political Economy and History.*

Duc de Broglie, Paris.  
 Ernst Curtius, Berlin.  
 W. Ewart Gladstone, London.  
 Charles Merivale, Ely.  
 Theodor Mommsen, Berlin.  
 Jules Simon, Paris.  
 William Stubbs, Chester.

## SECTION IV. — 4.

*Literature and the Fine Arts.*

Jean Léon Gérôme, Paris.  
 John Ruskin, Coniston.  
 Leslie Stephen, London.  
 Lord Tennyson, Isle of Wight.